

Vincent Villette

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

991
citations

687363

13
h-index

996975

15
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20
all docs

20
docs citations

20
times ranked

1571
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast optical recording of neuronal activity by three-dimensional custom-access serial holography. <i>Nature Methods</i> , 2022, 19, 100-110.	19.0	13
2	Synaptic Mechanisms Underlying the Network State-Dependent Recruitment of VIP-Expressing Interneurons in the CA1 Hippocampus. <i>Cerebral Cortex</i> , 2020, 30, 3667-3685.	2.9	36
3	Calcium Dynamics in Dendrites of Hippocampal CA1 Interneurons in Awake Mice. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 98.	3.7	18
4	Internal representation of hippocampal neuronal population spans a time-distance continuum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7477-7482.	7.1	22
5	Ultrafast Two-Photon Imaging of a High-Gain Voltage Indicator in Awake Behaving Mice. <i>Cell</i> , 2019, 179, 1590-1608.e23.	28.9	242
6	Connectivity and network state-dependent recruitment of long-range VIP-GABAergic neurons in the mouse hippocampus. <i>Nature Communications</i> , 2018, 9, 5043.	12.8	63
7	Simple platform for chronic imaging of hippocampal activity during spontaneous behaviour in an awake mouse. <i>Scientific Reports</i> , 2017, 7, 43388.	3.3	17
8	GABAergic Microcircuits in Alzheimer's Disease Models. <i>Current Alzheimer Research</i> , 2016, 14, 30-39.	1.4	35
9	Awake hippocampal reactivations project onto orthogonal neuronal assemblies. <i>Science</i> , 2016, 353, 1280-1283.	12.6	128
10	Development of early-born GABAergic aminobutyric acid hub neurons in mouse hippocampus from embryogenesis to adulthood. <i>Journal of Comparative Neurology</i> , 2016, 524, 2440-2461.	1.6	26
11	Internally Recurring Hippocampal Sequences as a Population Template of Spatiotemporal Information. <i>Neuron</i> , 2015, 88, 357-366.	8.1	116
12	GABAergic inhibition shapes interictal dynamics in awake epileptic mice. <i>Brain</i> , 2015, 138, 2875-2890.	7.6	98
13	A new neuronal target for beta-amyloid peptide in the rat hippocampus. <i>Neurobiology of Aging</i> , 2012, 33, 1126.e1-1126.e14.	3.1	23
14	Selective Impairment of Some Forms of Synaptic Plasticity by Oligomeric Amyloid- β Peptide in the Mouse Hippocampus: Implication of Extrasynaptic NMDA Receptors. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 183-196.	2.6	37
15	Decreased Rhythmic GABAergic Septal Activity and Memory-Associated β Oscillations after Hippocampal Amyloid- β Pathology in the Rat. <i>Journal of Neuroscience</i> , 2010, 30, 10991-11003.	3.6	95